



Department of Defense DIRECTIVE

NUMBER 5134.3

August 31, 1994

DA&M

SUBJECT: Director of Defense Research and Engineering (DDR&E)

- References:
- (a) Title 10, United States Code
 - (b) DoD Directive 5134.3, "Director of Defense Research and Engineering," January 9, 1989 (hereby canceled)
 - (c) DoD 7000.14-R, "DoD Financial Management Regulation," June 1993, Volume 2, "Budget Formulation and Presentation"
 - (d) [DoD Directive 5134.5](#), "Defense Technology Board," October 28, 1992
 - (e) through (g), see enclosure E1.

1. REISSUANCE AND PURPOSE

Pursuant to Section 137 of reference (a) and the authority vested in the Secretary of Defense by Section 113 of reference (a), this Directive reissues reference (b), and assigns responsibilities, functions, relationships, and authorities, as prescribed herein, to the DDR&E.

2. APPLICABILITY

This Directive applies to the Office of the Secretary of Defense, the Military Departments, the Chairman of the Joint Chiefs of Staff, the Unified Combatant Commands, the Inspector General of the Department of Defense, the Defense Agencies, and the DoD Field Activities (hereafter referred to collectively as "the DoD Components").

3. FUNCTIONS AND RESPONSIBILITIES

The DDR&E is the principal staff assistant and advisor to the Under Secretary of Defense for Acquisition and Technology (USD(A&T)) for DoD scientific and technical matters, basic and applied research, and advanced technology development. In the exercise of this responsibility, the DDR&E shall:

3.1. Develop strategies and supporting plans to exploit and develop technology to respond to the needs of the Military Services and maintain U.S. technological superiority.

3.2. Conduct analyses, develop policies, provide advice, make recommendations, issue guidance, and approve DoD Science and Technology (S&T) plans and programs. For purposes of this Directive, S&T is defined as programs consisting of Basic Research (6.1), Exploratory Development (6.2), and Advanced Technology Development (6.3), which are included in Budget Activities 1, 2, and 3 as defined in DoD 7000.14-R (reference (c)). (By exception, the Deputy Under Secretary of Defense (Advanced Technology) shall be responsible for approved Advanced Concept Technology Demonstrations which are funded in the 6.3 program and intended to expedite the transition of technology into improved military utility.)

3.3. Initiate programs, actions, and task assignments to comply with and respond to DoD policies and national security objectives.

3.4. Provide direction to the DoD Components that will be used in planning and prioritizing their respective Technology Base Programs.

3.5. Keep the Secretary of Defense, Deputy Secretary of Defense, USD(A&T), and other cognizant officials apprised of new and significant S&T trends or initiatives.

3.6. Review resource allocations proposed for S&T programs, formulate budget estimates, recommend allocations, and monitor the implementation of approved programs.

3.7. Participate in preparation of the Technology Base portion of the DoD Components' Program Objective Memorandums (POM) and Budgets.

3.8. Review and evaluate recommendations on requirements and priorities.

3.9. Certify in writing to the Deputy Secretary of Defense, through the USD(A&T), that the DoD Components' Technology Base POM submission and Budget request reflect the best allocation of Technology Base resources, or, as

necessary, identify reallocations required to achieve intended results.

3.10. Promote coordination, cooperation, and mutual understanding within the Department of Defense and between the Department of Defense and other Federal Agencies and the civilian community.

3.11. Ensure S&T interchange with friendly and allied nations, in coordination with the Under Secretary of Defense for Policy.

3.12. Oversee S&T associated with all laboratories; research, development, and engineering centers; warfare centers operated by the Military Departments or other DoD Components; and S&T tasks performed by or through Federally Funded Research and Development Centers.

3.13. Oversee S&T performed by institutions of higher learning, nonprofit organizations, and industry.

3.14. Provide direction to the Secretaries of the Military Departments and Heads of other DoD Components with respect to S&T activities.

3.15. Provide DoD representation to industry and others on all technological aspects of the Independent Research and Development Program.

3.16. Provide technical support to the USD(A&T) on:

3.16.1. S&T aspects of programs subject to review by the Defense Acquisition Board;

3.16.2. S&T matters pertaining to maintenance of a strong defense industrial base; and

3.16.3. S&T aspects of international programs relating to acquisition.

3.17. Serve as Chair of the Defense Technology Board in accordance with DoD Directive 5134.5 (reference (d)).

3.18. Serve as the lead official for environmental research (meteorology, oceanography, space environment, and terrestrial sciences), providing for appropriate representation on interagency, international, and treaty organization committees.

3.19. Serve on boards, committees, and other groups pertaining to the DDR&E's

functional areas, and represent the Secretary and Deputy Secretary of Defense and the USD(A&T) on DDR&E matters outside the Department of Defense.

3.20. Carry out such other functions and responsibilities as the Secretary of Defense or the USD(A&T) may prescribe.

4. RELATIONSHIPS

4.1. In the performance of assigned functions and responsibilities, the DDR&E shall:

4.1.1. Serve under the authority, direction, and control of the USD(A&T) in accordance with DoD Directive 5134.1 (reference (e)).

4.1.2. Exercise authority, direction, and control over:

4.1.2.1. The Director of the Advanced Research Projects Agency.

4.1.2.2. Such other subordinate officials as may be assigned.

4.1.3. Use existing facilities and services of the Department of Defense and other Federal Agencies, whenever practicable, to achieve maximum efficiency and economy.

4.1.4. Coordinate and exchange information with other DoD officials, Heads of the DoD Components, and Federal officials having collateral or related functions.

4.2. The Comptroller of the Department of Defense shall coordinate with the DDR&E prior to approving the transfer or reprogramming of funds into or from a program supported by funds that are for research (6.1), exploratory development (6.2), and advanced technology development (6.3) other than approved Advanced Concept Technology Demonstrations.

4.3. The DoD Components shall coordinate with the DDR&E on all matters concerning the functions in section 3., above.

5. AUTHORITIES

The DDR&E is hereby delegated authority to:

5.1. Issue DoD Instructions, DoD Publications, and one-time directive-type memoranda that carry out policies approved by the Secretary of Defense in assigned fields of responsibility, consistent with DoD 5025.1-M (reference (f)). Instructions to the Military Departments shall be issued through the Secretaries of those Departments. Instructions to Unified Combatant Commands shall be communicated through the Chairman of the Joint Chiefs of Staff.

5.2. Obtain such reports, information, advice, and assistance, consistent with the policies and criteria of DoD Directive 8910.1 (reference (g)), as the DDR&E deems necessary.

5.3. Communicate directly with heads of the DoD Components. Communications to the Unified Combatant Commands shall be transmitted through the Chairman of the Joint Chiefs of Staff.

5.4. Establish arrangements for DoD participation in those nondefense governmental programs for which the DDR&E has been assigned primary cognizance.

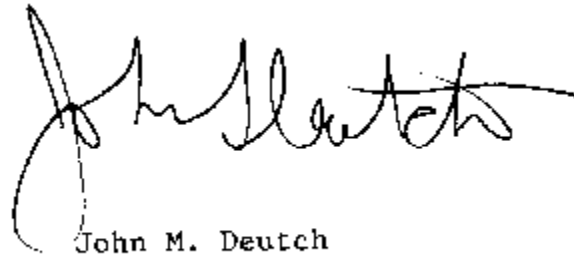
5.5. Approve, modify, or disapprove S&T projects of the DoD Components in assigned fields.

5.6. Make determinations and decisions regarding scientific and technical matters, basic and applied research, and the development of weapon systems.

5.7. Communicate with other Government Agencies, representatives of the legislative branch, and members of the public, as appropriate, in carrying out assigned functions.

6. EFFECTIVE DATE

This Directive is effective immediately.

A handwritten signature in black ink, appearing to read "John M. Deutch". The signature is fluid and cursive, with a large initial "J" and "M".

John M. Deutch
Deputy Secretary of Defense

Enclosures - 1

1. References

E1. ENCLOSURE 1

REFERENCES

- (e) [DoD Directive 5134.1](#), "Under Secretary of Defense for Acquisition and Technology," June 8, 1994
- (f) DoD 5025.1-M, "DoD Directives System Procedures," December 1990, authorized by DoD Directive 5025.1, June 24, 1994
- (g) [DoD Directive 8910.1](#), "Management and Control of Information Requirements," June 11, 1993